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011-322-646-0353

December 3, 2001

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**Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, DC 20231**

New U.S. Patent Application

Title: CURVILINEAR VALVE PIN CONTROLLER FOR
INJECTION MOLDING

Inventors: Mark DOYLE and Vito GALATI

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- 52 pages, including 2 independent claims and 19 claims total.
2. Drawings- 41 sheets of drawings (Figures 1 - 40).
3. The filing fee is calculated as follows:

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Basic Application Filing Fee				\$740	\$ 740.00
	Number of Claims	Basic	Extra Claims		
Total Claims	19	-	20	x \$18	
Independent Claims	2	-	3	x \$84	
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)				+\$270	
Subtotal					\$ 740.00
Reduction by 1/2 if small entity					-
TOTAL APPLICATION FILING FEE					\$ 740.00

No check is enclosed. Please charge deposit account 06-0916 in the amount of \$740.00.

This application is a continuation-in-part of and claims the benefit of priority under 35 USC § 120 to U.S. patent application serial nos. 09/400,533 filed September 21, 1999 and PCT/US00/25861 filed September 21, 2000 and 09/503,832 filed February 15, 2000 and PCT/US01/04674 filed February 13, 2001 and 09/656,846 filed September 7, 2000.

This application also claims the benefit of priority under 35 U.S.C. §§119 and 120 to U.S. Provisional Application Serial No. 60/250,723 filed December 1, 2000 and US Provisional Application Serial no. 60/257,274 filed December 21, 2000 and U.S. Provisional Application Serial No. 60/277,023 filed March 19, 2001.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,
Garrett & Dunner, L.L.P.
1300 I Street, N.W.
Washington, D.C. 20005-3315

This application is being filed under the provisions of 37 C.F.R. § 1.53(f).
Applicant(s) await notification from the Patent and Trademark Office of the time set for filing the Declaration.

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

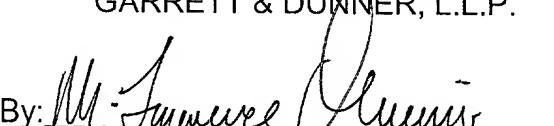
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Please accord this application an application number and filing date.

The Commissioner is hereby authorized to charge any additional fees due and any other fees under 37 C.F.R. § 1.16 or § 1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By: 
M. Lawrence Oliverio
Reg. No. 30,915

LMO/jwc
Enclosures

**CERTIFICATE UNDER 37 CFR § 1.10 OF
MAILING BY "EXPRESS MAIL"**

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December 3, 2001

Date of Deposit

I hereby certify that this correspondence is being deposited with the United States Postal Services "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

By: 

M. Lawrence Oliverio

Note: Each paper must have its own certificate by "Express Mail."